

# Sanding Machines

WAC 296-806-475

## Summary

- In addition to the requirements in this section, you need to refer to the following sections of this chapter in order to fully protect your employees from machine hazards:
  - Requirements for All Machines, WAC 296-806-200 and WAC 296-806-300

This section applies to sanding machines that remove material from stock with an abrasive sanding surface such as a belt, disk, or drum.



### Exemption:

- This section doesn't apply to hand-held sanders. See, Portable Power Tools, Chapter 296-807 WAC, for requirements that apply to hand-held tools.



### Reference:

- If you have multiple specific machines and operations in your workplace, you need to follow all requirements in WAC 296-806-400 that apply.
  - For example, if you use sanding machines and saws and cutting heads, you need to refer to both of these sections.
- In addition to the requirements in this section, you need to refer to the following sections of this chapter in order to fully protect your employees from machine hazards:
  - WAC 296-806-200, Requirements for all machines.
  - WAC 296-806-300, Requirements for machine parts.
- See chapter 296-807 WAC, Portable Power Tools, for requirements that apply to hand-held sanders.

**-Continued-**



# Sanding Machines

WAC 296-806-475

## Rule

### WAC 296-806-475 (Continued)

#### YOUR RESPONSIBILITY:

**To protect employees from hazards associated with drum, disk, and belt sanders**

#### You must

Guard drum sanders WAC 296-806-47502 .....	475-3
Guard disk sanders WAC 296-806-47504 .....	475-3
Guard belt sanders WAC 296-806-47506 .....	475-4
Follow these requirements for feed roll guarding WAC 296-806-47508 .....	475-4



# Sanding Machines

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## Rule

### WAC 296-806-47502

#### Guard drum sanders

##### You must

- Make sure drum sanders have one of the following to enclose that part of the drum not used to work on the material:
  - Guard
  - Exhaust hood



##### Reference:

- Exhaust hoods are required on sanders when dust levels exceed exposure limits. For requirements about air contaminants, see Respiratory Hazards, Chapter 296-841 WAC.



##### Exemption:

- When a table's used for the application of material to be finished, you don't need to enclose the portion of the drum above the table that's necessary to do the work.

### WAC 296-806-47504

#### Guard disk sanders

##### You must

- Make sure disk sanders have an exhaust hood, when required, or a guard that encloses the part of the disk not used to work on the material.



##### Exemption:

- When a table's used for the application of material to be finished, you don't need to enclose the portion of the disk above the table that's necessary to do the work.



# Sanding Machines

WAC 296-806-475

## Rule

WAC 296-806-47506

### Guard belt sanders

#### You must

- Protect the operator by guarding:
  - Nip points where the sanding belt runs on the pulleys
  - The unused run of the sanding belt.

WAC 296-806-47508

### Follow these requirements for feed roll guarding

#### You must

- Make sure that feed rolls have a hood or guard to prevent the operator's hands from coming in contact with the in-running rolls at any point
- Make sure that the guard meets **all** of the following:
  - Is constructed of heavy material, preferably metal
  - The bottom of the guard comes down to within  $\frac{3}{8}$  inch of the plane formed by the bottom or working surfaces of the feed rolls
    - When the  $\frac{3}{8}$  inch distance is increased to  $\frac{3}{4}$  inch, the lead edge of the hood must be extended to  $5\frac{1}{2}$  inches or more in front of the nip point between the front roll and the work.

